

U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health Administration

Form Approved  
OMB No. 44-R1387

# MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,  
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

## SECTION I

MANUFACTURER'S NAME <b>GROW CHEMICAL SEALANTS CORPORATION</b>		EMERGENCY TELEPHONE NO. <b>(213) 269-0461</b>
ADDRESS (Number, Street, City, State, and ZIP Code) <b>3137 East 26th Street., Los Angeles, California 90023</b>		
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS <b>GC-402</b>	
CHEMICAL FAMILY <b>Polysulfide</b>	FORMULA <b>HS-R-SH</b>	

## SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS	25		BASE METAL		
CATALYST	5		ALLOYS		
VEHICLE	70		METALLIC COATINGS		
SOLVENTS	0		FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES <b>Less than</b>	3		OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	N.A.	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	1.5
VAPOR PRESSURE (mm Hg.)	N.A.	PERCENT, VOLATILE BY VOLUME (%) <b>Less than</b>	.2
VAPOR DENSITY (AIR=1)	N.A.	EVAPORATION RATE (_____ =1)	N.A.
SOLUBILITY IN WATER	No		
APPEARANCE AND ODOR	<b>Off white to gray semi-solid</b>		

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) <b>Open cup greater than 400°F</b>	FLAMMABLE LIMITS <b>N.A.</b>	Lel	Uel
EXTINGUISHING MEDIA <b>Water, CO<sub>2</sub>, foam, dry chemicals</b>			
SPECIAL FIRE FIGHTING PROCEDURES			
None			
UNUSUAL FIRE AND EXPLOSION HAZARDS			
None			

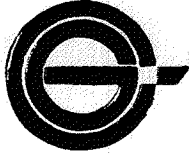
SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	Ingestion 0.5-5 gr/kilo
EFFECTS OF OVEREXPOSURE	May cause skin or eye irritation upon contact.
EMERGENCY AND FIRST AID PROCEDURES	Wash hands thoroughly. Flush eyes copiously with water. Give emetic if ingested

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	Store below 80°F
INCOMPATIBILITY (Materials to avoid)			
HAZARDOUS DECOMPOSITION PRODUCTS Strong bases and oxidizing agents			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	
Scrape up and clean with ketones or toluene.	
WASTE DISPOSAL METHOD	
Normal non-hazardous trash disposal.	

SECTION VIII - SPECIAL PROTECTION INFORMATION			
RESPIRATORY PROTECTION (Specify type) None required			
VENTILATION	LOCAL EXHAUST	SPECIAL	
	Sufficient		
	MECHANICAL (General)	OTHER	
PROTECTIVE GLOVES Recommended		EYE PROTECTION Recommended	
OTHER PROTECTIVE EQUIPMENT none			

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	
Wash hands thoroughly after handling. Do not ingest. Store indoors below 80°F	
OTHER PRECAUTIONS	
None	



A GROW CHEMICAL CORP. SUBSIDIARY

**GROW CHEMICAL SEALANTS CORP.**

3137 EAST 26TH STREET • LOS ANGELES, CALIFORNIA 90023 • (213) 269-0461

February 18, 1977

Douglas Aircraft Corp  
3855 Lakewood Blvd  
Long Beach, CA 90846

Attn: M. J. Veneroso  
Dept C1-726 (52-11)

Dear Mr. Veneroso,

Please find below regulated information on our products as requested in your letter of 2/18/77.

	<u>Product</u>	<u>Proper Ship. Name</u>	<u>Classification</u>	<u>Flash Point</u>
QPL 1819	GC-402	Cement Liquids	Non-restricted	300°F ✓
DPM 1177-4	GC-1300	Cement Liquids	Non-restricted	150°F ✓
DPM 5055	GC-91	Cement Liquids	Non-restricted	300°F ✓
DPM 5941	GC-502	Cement Liquids	Non-restricted	300°F ✓

Effective 7/1/76 we changed our company name from Churchill Chemical Corporation to Grow Chemical Sealants Corp, (See attached letter). You will also find attached current copies of the Occupational Safety and Health Administration Material Safety Data Sheets for each product stated above.

If you have any further questions or requirements, do not hesitate to give us a call.

Very truly yours,

*Monica Garcia*  
Monica Garcia.  
Office Manager

attachments